Work Ord	ler]	ID	54478	
December 09,	2009	2:14	1:42 PM	



Page 1

December 09,	2009 2:14:42 PM	i .								
Item ID: Revision ID:	D209-669-013		Accept				s	etup Stai		
Item Name: Start Date: Required Dat Reference:	Skidtube LH 12/14/2009 Start Qty: 1.00 te: 12/31/2009 Req'd Qty: 1.00	1 (05)31 (15)	·	Cust Item 1 Customer:	D:					11818 318 1181 1881
Approvals:	. Process Plan: MF	Date: 09-12-0	Tooling:	Da	nte:	_	R	lun Sta		
	QC:	Date:	_ SPC (Y/N):	Da	ite:	 		Sto	р	
Sequence ID/ Work Center	Operation ID Description		Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr					1				
D209-669-0 DSI 9450	13 Rev B Rev A									
DC Document Control	Memo	ROL by bluefile & type labels per P	0.00 0.00 PP d209-669-013 CHG0	on S wholes		l	40	for B	5 09/	12/10
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Packaging Packaging	Pick Kit Memo		0.00						2 5/1	/16 (1

										
W/O:		No. of the state o	WO	RK ORDER CHANG	GES		-	·		
DATE	STEP	PRO	OCEDURE CHAN	IGE	1	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Categ	ory:	NCR:	Yes N	lo DQ	4 :	Date:	
1827	Re	solution:	Disposition	:	QA: N	i/C Clo	sed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NCR)				
DATE	STEP	Description of NC			tion B		Verific	ation		Approval
DATE	OIL!	Section A	Initial Chief Eng	Action Description Chief Eng	iption Sign 8 Date		Secti	on C	Chief Eng	QC Inspector
										
V.B										
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Work Order ID 54478	Work	Order	ID	54478
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Quality Control

Page 2

December 09, 2009 2:14:42 PM Item ID: D209-669-013 Accept Setup Start **Revision ID:** Stop Item Name: Skidtube LH Start Qty: 1.00 **Start Date:** 12/14/2009 **Cust Item ID:** Req'd Qty: 1.00 **Required Date: 12/31/2009 Customer:** Reference: Start Run Process Plan: Date: **Approvals:** Tooling: Date: Stop Date:_____ SPC (Y/N): Date: Sequence ID/ Operation Plan Reject Set Up/ Draw Draw Accept Reject Insp. Work Center ID Description Number Rev. Code Run Hours Qty **Qty** Number Stamp 120 QC4- 100% Inspect kits for completeness 0.00 Memo Quality Control 130 0.00 10-1-13 50 Packaging Packaging 0.00 Memo Packaging Identify and pack for shipping as per PPPD209-669-013 Location: 140 QC21- Final Inspection - Work Order Release MF 10-1-14 0.00 0.00 Memo

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W/O:			V	VORK ORDER CHAN	GES		**			
DATE	STEP	PRO	OCEDURE CH	IANGE	В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Ca	tegory:	NCR: `	_ Date: _				
	Re	Resolution: Disposition: QA: N/C Closed:								
NCR:			WORK OR	DER NON-CONFORM	MANCE (1	NCR)				
DATE	STEP	Description of NC		ection B		Verific	ation		Approval	
DAIL	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng) S	ign & Date	Section		Chief Eng	QC Inspector
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December 09	2009 2:14:42 PM							ř.				
Work Order I	ID: 54478								*			(R
Parent Item:	D209-669-013											·
Parent Item N	Name: Skidtube LH		1 1 5 6 1	HO (UIS (ISH SOH) 10H				Si	tart Date: 12/1	4/2009 F	Required Date:	12/31/2009
Comments:									Start Qty: 1.00		Required Qty:	
Component It	tem ID/ Replacem Item ID	nent Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D209-669-043	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Manufactured	No	M 1000 - 1000		110	Each	3.0000	1.0000	34478	16-1-	13-SP
•				Wareho	<u>use</u>	Loc	Oty	Loc Code	Ī			1
				Loca	tion							
				Premier								
				Mez	z		3		i			
					22797		1		-			
					39205		1		_			
D2917-1		Manufactured	No		39206	110	l Each	0.0000	2.0000			
	 	Manufactured	NO			110	Each	0.0000	ORBITARIO (S)	33446	3 16-	2 611
D2918-1		Manufactured	No			110	Each	3.0000	2.0000			
Saddle LH									1000000	5344 G	10-1	12 sp
		,		<u>Wareho</u>	use	Loc	Oty	Loc Code		•		1
-				Loc	ation_							

3

Main Warehouse ST

53425

W/O:			WC	RK ORDER CHANG	ES					
DATE	STEP	PRO	PROCEDURE CHANGE						Approval Chief Eng / Prod Mgr	Approval QC Inspector
***************************************		÷								
Part No	:	PAR #:	Fault Cate	gory:	_ NCR:	: Yes	No DQA	\ :	_ Date: _	
	Re	esolution:	Disposition	n:	_ QA: I	N/C CI	osed:		Date:	
NCR:				R NON-CONFORMA	NCE	(NCR)			
DATE	STEP	Description of NC					Verific	ation	Approval	Approval
DAIL	OIL!	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Section	on C	Chief Eng	QC Inspector
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Work Order ID: 54478

Parent Item:

D209-669-013

Parent Item Name:

Skidtube LH

Comments:



Start Date: 12/14/2009

Required Date: 12/31/2009

Start Qty: 1.00

Required Qty: 1.00

	Component I Item Name	tem ID/	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
/ 7	AN4-51A			Purchased	No			110	Each	362.0000	8.0000		ligh	

Warehouse	Loc Qty	Loc Code	
Location			
Main Warehouse		i	
ST	362	ĺ	
111635	. 7	ì	
112489	5		
112720	50		
113121	100		
113226	200		113226

Bushing

Manufactured

110

Each

199.0000 24.0000

/cg/s/v W

<u>Warehouse</u>	Loc Qty	Loc Code	
Location			
Main Warehouse			
ST	199		
47246	4		
53449	195		53445
			' / '

W/O:			WC	RK ORDER CHANG	ES			·		
DATE	STEP	PRO	PROCEDURE CHANGE						Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	_ NCF	R: Yes	No DQ	 A:	Date:	
		esolution:								
NCR:			WORK ORDI	ER NON-CONFORMA	ANCE	(NCR)			
NCR:	STEP	Description of NC Section A	Initial	Action Description				cation on C	Approval Chief Eng	Approval QC Inspector
			Chief Eng	Chief Eng		Date				
								······································		

Work Order ID: 54478

Parent Item:

D209-669-013

Parent Item Name: **Comments:**

Skidtube LH



Start Date: 12/14/2009

Required Date: 12/31/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4		Purchased	No			110	Each	4,023.000	Ž4.0000 —			

Warehouse Location	Loc Qty	Loc Code
Main Warehouse		
ST	4023	į
110507	184	ı
111827	3839	
15924	0	

AN5-36A

Purchased

No

110

Each

235.0000 4.0000



<u>Warehouse</u>	Loc Qty	Loc Code	
Location			
Main Warehouse			
ST	235		
109545	11		
110467	7	1	
110731	4		
112243	20		
112314	143		M/123/4
112385	50		

W/O:			WC	RK ORDER CHANG	iES				
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
· · · · · ·									
Part No	:	PAR #:	Fault Cate	jory:	_ NCR: Yes	No DQ	A :	Date: _	
	Re	esolution:	Disposition	1:	_ QA: N/C (Closed:		Date: _	
NCR:		,	WORK ORDI	R NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC			ion B		cation	Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat		ion C	Chief Eng	QC Inspector
,									

Work Order ID: 54478

Parent Item:

Comments:

D209-669-013

Parent Item Name:

Skidtube LH



Start Date: 12/14/2009

Required Date: 12/31/2009

Start Qty: 1.00

Required Qty: 1.00

Component I Item Name	tem ID/	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD516			Purchased	No			110	Each	976.0000	8.0000	-		

Washer

Loc Code Warehouse Loc Qty Location Main Warehouse ST 976 110363 46 110523 57

111279 39 112082 64 112314 14 112828 256 113149

500 110 706.0000 4.0000 Each

MS21042L5

Purchased

No

Warehouse Loc Qty Loc Code Location Main Warehouse ST706 110382 10 111636 11 112314 685

(9/14/16 (1)

December 09, 2009 2:14:42 PM

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W/O:			WO	RK ORDER CHAN	GES					
DATE	STEP	PR	OCEDURE CHAN	IGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						i				
Part No	:	PAR #:	Fault Categ	ory:	NCF	R: Yes N	10 DQ	A :	Date:	
	Re	esolution:	Disposition	:	QA:	N/C Clo	sed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORM	IANCE	(NCR)	1			
DATE	STEP	Description of NC			ection B		Verific	cation	Approval	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti	on C	Chief Eng	QC Inspector
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Work Order ID: 54478

Parent Item:

D209-669-013

Parent Item Name: Skidtube LH



Parent Item	Name: SK	liatube LH							St	art Date: 12/1	4/2009	Required Date: 12	/31/2009
Comments:									S	tart Qty: 1.00		Required Qty: 1.	00
Component Item Name	Item ID/	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-7A	 		Purchased	No			110	Each	387.0000	16.0000			
					Wareho	<u>use</u>	Loc	Oty	Loc Code			_	
					Loca	ıtion				i			
					Main Wa	arehouse							
					ST			387					
						112794 113226		1		-	m//32:	1 /	
∕AN960JD416			Purchased	No		113220	110	386 Each	2,125.000		/V) <u> </u>		
Washer			1 di chased	1.0			110	Euch	2,123.000			[c 4/12]	16 (1)
					Wareho	<u>use</u>	Loc	Oty	Loc Code			,	
					Loca	ation							
					Main Wa	arehouse							
					ST			2125					

Warehouse	Loc Qty	Loc Code	
Location			
Main Warehouse			
ST	2125		
108161	329		
110523	340		
111279	101		
111916	482		
112314	873		11/23/4
16941	0		,

	•	- -							
W/O:			WO	RK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHAP	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	jory:	_ NCR: Yes	No DQ	A:	Date:	
	Res	olution:	Disposition	າ:	_ QA: N/C C	losed:		Date:	
NCR:		,	WORK ORDE	ER NON-CONFORM	ANCE (NCI	₹)			
DATE	STEP	Description of NC		Corrective Action Sect		Verifi	cation	Approval	Approval
DAIL	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign of Date	& Sect	ion C	Chief Eng	QC Inspector
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Work Order ID: 54478

Parent Item:

D209-669-013

Parent Item Name: Skidtube LH



Start Date: 12/14/2009

Required Date: 12/31/2009

Comments	:								S	start Qty:	1.00		Required Qty	: 1.00
Component Item Name		Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaini Qty To I		Qty Issued	Date Issued	Status
D2929 Spacer			Manufactured	No			110	Each	97.0000	2.0000	_	-		
					Warehou	<u>use</u>	Loc	<u>Oty</u>	Loc Code					
					Loca	<u>ition</u>								
					Main Wa	arehouse								
					ST			97		1				
						43376		1			_			
						52243		1			-	0.0		
D2020						53564		95			· 7	3569		_
D2930 Spacer			Manufactured	No			110	Each	111.0000	2.0000			——-E	
					<u>Warehoo</u> <u>Loca</u>		Loc	Qty .	Loc Code					
					Main Wa									
					ST			111						
					,,,	53563		111				53563	?	

W/O:			WC	ORK ORDER CHANGE	ES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	Date: _	1.
	Re	solution:	Dispositio	n:	QA: N/C	Closed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NC	R)			
DATE	STEP	Description of NC		Corrective Action Section		Verifi	cation	Approval	Approval
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sect	ion C	Chief Eng	QC Inspector
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Work Order ID: 54478

Parent Item:

D209-669-013

Parent Item Name: Skidtube LH



Start Date: 12/14/2009

Required Date: 12/31/2009

	Comments:									5	Start Qty	: 1.00	3	Reguired C	ty: 1.00
	Component Item Name	Item ID/	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remain Qty To		Qty Issued	Date Issued	Status
<i>/</i>	D3405-041 Lug Assembly	 		Manufactured	No			110	Each	39.0000	1.0000	- -			
						Wareho	<u>use</u>	Loc	<u>Oty</u>	Loc Code					
						Loca	<u>ition</u>				!				
						Main Wa	rehouse								
						ST			29			_			
							53887		29		ļ	کے	3887		
						Main Wa	arehouse				1				
						ST4	74		10		!				
							52323		10			_			
5	- AN4C47A ,			Purchased	No			110	Each	186.0000	4.0000	<i>└</i>			1 9/12/14 C
						Wareho	<u>use</u>	Loc	<u>Oty</u>	Loc Code				_	•
						Loca	ation								
						Main Wa	arehouse								
						ST			186			_			
							112489		2				A		
							112641		31			4	m//264/		
							112816 113164		3 50			_			
		1							50			_			

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113302

Dart Aerospace

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W/O:			WO	RK ORDER CHANGE	ES					
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Approval Chief Eng / Prod Mgr			
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Part No	:	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A :	Date: _		
	Res	solution:	Disposition	:	QA: N/C C	losed:		Date: _		
NCR:		,	WORK ORDE	R NON-CONFORMA	NCE (NC	R)				
DATE	CTED	Description of NC		Corrective Action Section		Verific	cation	Approval	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& _{Secti}		Chief Eng	QC Inspector	
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		•								
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Work Order ID: 54478

D209-669-013

Parent Item Name:

Parent Item:

Comments:

Skidtube LH

Start Date: 12/14/2009

Required Date: 12/31/2009

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Start Qty: 1.00

Required Qty: 1.00

	Component Ite Item Name	m ID/ Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
_	MS21043-4		Purchased	No			110	Each	955.0000	5.0000			

Nut

Warehouse Loc Qty Location **OFFSHORE** FG 40 104603 40 Main Warehouse

ST

112243 2 112314 113 112492 300

915

113064 500 110 Each

1.0000

D3405-043

Manufactured

No

Lug Assembly

Warehouse Loc Qty Loc Code Location Main Warehouse ST 12

46589 46863 52324

10

12.0000

Loc Code

W/O:			WORK ORDER CHANGES										
DATE	STEP	PRO	OCEDURE CHAN	IGE		By Date Qty Approval Chief Eng / Prod Mgr				Approval QC Inspector			
Part No	:	PAR #:	Fault Categ	ory:	NCF	R: Yes	Date:						
	Re	esolution:	Disposition	:	QA:	N/C Cld	osed:		Date: _				
NCR:		,	WORK ORDE	R NON-CONFORM	MANCE	(NCR)						
DATE	STEP Description of NC Section A			<u> </u>	ection B		_ Verific	cation	n Approval Approva				
DATE			Initial Chief Eng	Action Description Chief Eng	1	Sign & Date	Secti		Chief Eng	QC Inspector			
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W/O:			WORK ORDER (VORK ORDER CHANGES							
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
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Part No	:	PAR #:	Fault Category:	NCR: Ye	es No DQ	A:	Date: _				
Resolution:											

NCR:			WORK ORDE	ER NON-CONFORMANO	CE (NCR)			
		Description of NC		Corrective Action Section B	Verification	Approval		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector
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Work Order ID: 54478

Parent Item:

Comments:

D209-669-013

Parent Item Name: Skidtube LH



Start Date: 12/14/2009

Required Date: 12/31/2009

Start Qty: 1.00

Required Qty: 1.00

	Component Ite Item Name	m ID/	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
5	D3417-5 Washer			Manufactured	No			110	Each	155.0000	2.0000		fc 1/1-	4/16 ()

Warehouse	Loc Oty	Loc Code
Location		ħ.
Main Warehouse		!
ST	155	
44350	14	:
50366	13	:
51649	28	· i
52344	100	r

Dart Aerospace Ltd

W/O:	•		WOF	RK ORDER CHANG	SES.					
DATE	STEP	PRO	OCEDURE CHANG			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
										
-				*						
Part No: PAR #:			Fault Catego	ory:	_ NCI	R: Yes N				
	R	esolution:	Disposition:		QA	N/C Clo	sed:		Date: _	·
NCR:			WORK ORDE	R NON-CONFORM	ANCE	(NCR)				
DATE	STEP	Description of NC Section A	Initial Chief Eng	orrective Action Sec Action Description Chief Eng	tion B	Sign & Date	Verific Section		Approval Chief Eng	Approval QC Inspector
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